

Department of Statistics
TEXAS A&M UNIVERSITY

Dr. Michael Longnecker

*Professor
Associate Department Head*

30 Years of Service





Department of Statistics
TEXAS A&M UNIVERSITY

The running man!!





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Undergraduate Courses Taught

Course Title	Description
201–Elem. Stat. Inf	Data collection, summarization
211–Principles of Statistics I	Into to dist, prob, expec, inf.
212–Principles of Statistics II	Design of exper., regression, categorical data, non-par.
303–Statistical Methods	Intro to stat methods for social scientist
414–Mathematical Statistics	Intro to math stat for applied math & engineering

Graduate Courses Taught

Course Title	Description
601–Statistical Analysis	Survey of dist th. and stat methods
608–Least Sqrs. & Regres. Anal	Regression-theory & applications
609–Nonparametric Methods	Applic of dist-free methods
610–Theory of Stat-I	Intro to probability & dist. theory
611–Theory of Stat-II	Theory of estimation & testing
613–Intermediate Th. of Stat	Theory of point est & testing
619–Design & Analysis	Design of exper. & ANOVA
620–Large Sample Theory	Transf, stat, functionals, th of asymptotics
625–Reliability	Statistical methods for eng. Reliability
634–Response Surface Design & Analysis	Methods of efficient designs

Graduate Courses Taught, continued

Course Title	Description
641–Stat Methods-I	Intro to stat modelling & data analysis
642–Stat Methods-II	Design & analysis of experiments
651–Stat in Research-I	A non-calculus survey of stat methods
652–Stat in Research-II	A non-calculus survey of stat methods
689–Theory of Rank Based Procedures	Math Stat of rank based est. and testing
689–Statistical Quality Control	Statistical theory of SPC

Graduate Student Supervision: 1979-2004

- Chairman of 8 Ph.D. Committees
- Chairman of over 50 Masters Committees
- Member of 62 Statistics Ph.D. Committees
- Member of 55 Statistics Masters Committees
- Member of 300 non-Statistics Ph.D. & Masters Committees (by college):

Agriculture	60 Students	Liberal Arts	5 Students
Architecture	4 Students	Science	18 Students
Education	7 Students	Engineering	172 Students
Geoscience	19 Students	Business	14 Students